

Date: Mon, 29 Aug 94 04:30:35 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #307
To: Ham-Equip

Ham-Equip Digest Mon, 29 Aug 94 Volume 94 : Issue 307

Today's Topics:

 [Q] Yaesu FT-530
 Any Yaesu FT-2500 user ?
 Broad up handheld's band
 FT-530 & Extra's 4 Sale
 FT2700 mods
 Ham stores in TOKYO (2 msgs)
HELPP.. Motorola DPL code for EXPO series radio needed
 HP 8111A Function Generator
 HTX-202 Low Batt Voltage Cut-out?
 Phase-locked Xtal Oscilla
 Radio Shack HF Rig Ru
 Reviving NiCads - FT-470 Battery pack
 Tranverting 2-Meter FM to other bands
 WANTED: Old HP parts/equipment
 Wifes Unused Icom IC-W2A For Sale

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Aug 1994 17:20:27 -0400
From: psinntp!JH.Org!not-for-mail@uunet.uu.net
Subject: [Q] Yaesu FT-530
To: ham-equip@ucsd.edu

>>In <32pnnp\$el8@prodsq1.prodigy.bc.ca> Paul Antaki <pantaki@prodigy.bc.ca>
>>writes:

>>>I've just bought a Yaesu FT-530 and, since it's my first radio, I have a couple of questions that I'm hoping someone can answer for me:

I just bought a ft-530 as well, I'm really happy with it!

>>>1. Since I had the mods done I can transmit in frequencies I'm not supposed to transmit in (e.g. Police frequencies). Is there any way I can turn transmit off on those frequencies alone? I've tried to do this by

I did the mod by cutting the green wire that was shorting pads 13, then removed both batteries for 15 mins then replaced the batteries and powered the rig up while holding up & down arrow keys. This cleared all memories, but had no effect on the frequencies received!

Was the green wire the wrong one? What have I done wrong?

Thanks in advance,
Steve

--

ss@jh.org Steve Steinberg Amateur Radio Callsign: _____

Date: Sat, 27 Aug 1994 16:38:53 GMT
From: psinntp!hk.super.net!news.ust.hk!dma039.ust.hk!not-for-mail@uunet.uu.net
Subject: Any Yaesu FT-2500 user ?
To: ham-equip@ucsd.edu

Dear All hams,

I just order a FT-2500 and it will arrive to Hong Kong next week. Some ham told me that the output power of FT-2500 can tune up 70watt. Is it right ?

--

Lo Ho Fung Michael	E-mail address : ee_hflo@stu.ust.hk
Department of Electrical	International Radio Call Sign : VR2YJR
& Electronic Engineering	Stand by at repeater stations
The Hong Kong University	VS6KP (Tate's Cairn 577m) 145.650 Mhz (-)
of Science & Technology	VS6HKA (Mount Gough 400m) 145.750 Mhz (-)
Major : Computer Engineering	VS6MA (Victoria Peak 552m) 145.575 MHz (-)

Date: 27 Aug 1994 22:52:41 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!EU.net!
relay.puug.pt!gnu.mat.uc.pt!usenet@network.ucsd.edu
Subject: Broad up handheld's band
To: ham-equip@ucsd.edu

Hi. I have a handheld, Kenwood TH-22E, that transmits from 144 to 146 MHz FM.
-Does anyone know the code that permits to broad up the band to 136-170 MHz FM?
Also, does any know of any books that say anything more than the manual says?
Many thanks in advance.

F.Salzedas
Fcomp5@ciuc.uc.pt
Salzedas@fteor.uc.pt
UNIVERSIDADE DE COIMBRA
PORTUGAL

Date: Sun, 28 Aug 1994 15:03:14 GMT
From: news.sprintlink.net!primenet!slip235.primenet.com!davisw@uunet.uu.net
Subject: FT-530 & Extra's 4 Sale
To: ham-equip@ucsd.edu

Will sell as a complete ready-to-go package only.
You will need NOTHING else except new adhesive pads
for the antenna.

Consists of: FT-530 w/ all docs, box, standard battery & charger.
MH-12 Speaker/Mike
EDC-5B DC/DC Adapter
MMB-49 Mobile Bracket
FBA-12 Battery Case
KG 2/70 Larsen "thru-the-glass" dual-band antenna

I also have a 7.5 watt amplified mobile speaker from Radio Shack.

Everything is in EXCELLENT condition, and radio has never been opened up.

\$600 - and (I) pay shipping.
(602) 482-8216 ask for wayne Phoenix, Az.
Arizona is NOT on daylight savings time.

Date: Sat, 27 Aug 94 22:03:13 PDT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!wupost!udel!
news.sprintlink.net!news.onramp.net!usenet@network.ucsd.edu

Subject: FT2700 mods
To: ham-equip@ucsd.edu

The only mods for the FT-2700 are pretty lame and useless. There are some diodes on the micro that let it tune down to 430 and on high band up to about 153 mhz. But the vco won't make the trip, and as a result you get no real addition to the freq range.

-G

Date: 28 Aug 1994 04:54:24 GMT
From: elroy.jpl.nasa.gov!sdd.hp.com!hpscit.sc.hp.com!bobh@ames.arpa
Subject: Ham stores in TOKYO
To: ham-equip@ucsd.edu

sol@soleil.serma.cea.fr wrote:
: Hi everybody

: I would like to buy a multi-mode/multi-band rig (FT736, TS790 ...) during a trip
: in Japan. I'm looking for addresses of ham stores in TOKYO
: Any information would be useful
: Thanks in advance
: 73 de F1G0C

I don't have addresses, but the Akabari (spelling?) district is where you want to go. It is the electronics area, with perhaps hundreds of electronics shops and at least 10 Ham shops within a a square mile or so. WHEN you get there just ask a shopkeeper to circle the ham places on a map. Have fun.

Bob Headrick WA70VU
bobh@cup.hp.com

Date: 28 Aug 94 15:33:08 GMT
From: ihnp4.ucsd.edu!agate!news.Stanford.EDU!abercrombie.Stanford.EDU!
paulf@network.ucsd.edu
Subject: Ham stores in TOKYO
To: ham-equip@ucsd.edu

bobh@ppg01.sc.hp.com (Bob Headrick) writes:

>I don't have addresses, but the Akabari (spelling?) district is where you want
>to go. It is the electronics area, with perhaps hundreds of electronics
>shops and at least 10 Ham shops within a a square mile or so. WHEN you get

>there just ask a shopkeeper to circle the ham places on a map. Have fun.

The name of the place is Akihabara, also known as "The Electric City". It's about three stops north of Tokyo station on the JR line. A few things to know in advance:

1. All of the JR station signs around Tokyo have romaji characters, so an English speaking person can find their way around.
2. Plan on spending at least one day wondering around.
3. The big ham radio stores are pretty obvious, although you'll find the bargains in the smaller stores that don't advertise in CQ Ham Radio.
4. The standard Akihabara discount is about 20% off list.
5. A little Japanese will go a long way. In particular, learn some basic buying and bargaining words.

--

-=Paul Flaherty, N9FZX | "The Enemy of the Good is the Better."
->paulf@Stanford.EDU | -- Gen. William "Wild Bill" Donovan

Date: 27 Aug 1994 16:29:15 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!torn!news.unb.ca!
nbt.nbnet.nb.ca!ve1fc.nbnet.nb.ca!ve1fc@network.ucsd.edu
Subject: HELP.. Motorola DPL code for EXPO series radio needed
To: ham-equip@ucsd.edu

Am in need of the strapping for a MOTOROLA DPL code plug for an EXPO radio. The code is 261. If you know the strapping for the plug, how to place the jumpers 1 thru 9 and A to M please let me know. It would be one heck of a lot easier than trying one at a time till I eventually get it !!

Many thanks..
Graham

Please E-Mail me
ve1fc@nbnet.nb.ca

Date: Sun, 28 Aug 1994 10:26:52 GMT
From: netcomsv!netcom.com!javilk@decwrl.dec.com
Subject: HP 8111A Function Generator

To: ham-equip@ucsd.edu

A friend of mine has an HP 8111A function generator for sale

1.00hz - 20 mhz with digital read-out

0-16v output with digital read-out

0.2% stability.

New price was \$2500, current production, I believe

Used: \$600 or best offer.

This is a very nice piece of equipment. It looks almost new.

Contact Tim at 408-243-8999 or e-mail me and I'll have him call you.

--

Date: Fri, 26 Aug 1994 19:46:35 GMT

From: lll-winken.llnl.gov!fnnews.fnal.gov!gw1.att.com!nntp!not-for-mail@ames.arpa

Subject: HTX-202 Low Batt Voltage Cut-out?

To: ham-equip@ucsd.edu

klaudon@pica.army.mil wrote:

: I have recently purchased the RS HTX-202 HT, and use it with the
: supplied NiCd battery pack (7.2 vdc).

: This pack, when fully charged, seems to provide about an hour or two
: of continuous operation on full power. I wish it were longer, but it
: seems reasonable for a small pack. The problem I experience is as
: follows:

If you have drained 600 mA from this battery pack (receive current
plus transmit current) then it's doing what it's supposed to do!

: When the battery gets low (typically during a session of full-power
: transmitting), the BATT indication comes on the display. This is
: normal. However, if transmit operation is attempted, the rig will
: turn itself off within a second or two. In other words, the rig provides
: essentially zero warning of low BATTERY condition, before further
: transmit is inhibited.

: I assume that there is some kind of low-voltage cutoff circuitry. Is
: this the correct behavior for this circuit? Is it adjustable?

NiCd battery discharge curves have a knee at around 1 V per cell.
7.2 V packs have 6 battery cells and the knee is at approx 7 V.
A 7.2 V NiCd pack is almost fully discharged at 7.2 V and is fully
discharged at 6V. The low battery warning will come on somewhere
around 6 V. At that point there is barely enough capacity (remaining
current) to receive. Consider yourself lucky if you can transmit the
words "dead battery". What you have described is typical for HT's.
I don't know if you can adjust the voltage which indicates low bat.

: This is the 2nd HTX-202 I have owned. The first was dead on transmit,
: out of the box. This unit seems to work, except for this problem.
: However, the VOL control on top of the HT is mounted slightly crooked,
: wrt the other rotary controls. Function is unaffected. It just looks
: bad, if you look carefully at it. Given the questionable quality record
: of these units, I decided to keep it, since it worked. Perhaps I'll be
: going for Unit # 3 soon!

: If at first you don't succeed, return the unit to RS!

You may wish to exchange it because of the Vol control (was it installed
at an angle during assembly or did it get bent do to rough handling?)
but everything else you describe is normal operation.

: Please reply by e-mail - I will post summary!

: 73,
: Kalman Laudon, WD6CZI
: klaudon@pica.army.mil

Date: Fri, 26 Aug 94 20:30:00 -0500
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!iat.holonet.net!wwwswinc!
geoff.kennedy@network.ucsd.edu
Subject: Phase-locked Xtal Oscilla
To: ham-equip@ucsd.edu

Hi Y'all !!!

I would like to build a crystal-controlled oscillator which can be
phase-locked to an input signal. Has anyone done this ??

The oscillator will operate at either 2.4576 or 4.9152 MHz, and must
lock onto a 2.4 KHz audio tone ($f/1024$ or $f/2048$). Lock-in and tracking
range must be ± 2 Hz (relative to F_{in}). The input signal is often
buried in noise.

Once locked, the oscillator should not drift too far if the input signal drops below threshold - fast lock-up and slow release.

Any ideas ??

Thanks in advance.

Geoff L. Kennedy
Fidonet address: 1:153/290

... Never anger a dragon, for thou art crunchy and go well with brie...

--- Blue Wave/Max v2.12
* Origin: Frog Hollow Port Moody BC 604-469-0264 (1:153/290)

Date: Sat, 27 Aug 94 16:55:00 -0500
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!iat.holonet.net!wwwswinc!
art.harris@network.ucsd.edu
Subject: Radio Shack HF Rig Ru
To: ham-equip@ucsd.edu

ML><harrisok@vax.sonoma.edu> writes:

ML>>Are they still charging for the catalog?

ML>Yes, the catalog is \$2; however, there's a coupon included good for
ML>\$2 off your next purchase, so it basically ends up being free.
ML>JCPenney does the same type thing and so do some other stores so it's
ML>no big deal.

I went to one RS and got the catalog AND the \$2 coupon for free and I
didn't buy anything!

At the next RS, I got the catalog minus the coupon after some hard
negotiating. And I bought \$4 worth of stuff. ;-)

Art N2AH

Date: Sun, 28 Aug 1994 00:05:32 +0000
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!pipex!demon!
arkas.demon.co.uk!Michael@network.ucsd.edu
Subject: Reviving NiCads - FT-470 Battery pack
To: ham-equip@ucsd.edu

Hi All!

I have an FT-470 VHF/UHF HT. It's not been used for at least 6 months, and now that I have my UK call, I'd like to fire it up again.

I think that the NiCad pack, an FNB-14, has finally decided not to hold its charge. It can sit on the charger for hours, and will attain ~6.9 V immediately after disconnecting from the charger. This is a 7.2 V 1 Ah pack. It doesn't get excessively warm during charge. However, once I connect the pack to the radio, that's it. The radio will receive for approx. 30 secs before the "low battery" light flashes up. Transmitting is right out! After a while, the pack won't even drive the display - turning the radio off and on will cause the tx light to flash momentarily (normal at turn on, I seem to remember), but that's it.

I've run the radio quite successfully using the "car adapter" and +12 V, so I can safely assume that the radio isn't dragging huge currents out of the pack. Hence, I suspect that the pack has had it ...

Can anyone advise as to the probable cause of this dilemma, and any possible restorative action that I could take? (Short of buying a new pack, that is. :))

TIA, and 73's

--

Mike Dower

G0VEY

VK2ENG

'Quoth the raven, "Never more".' ... Poe

Date: Fri, 26 Aug 1994 19:25:27 GMT
From: enews.sgi.com!sgigate.sgi.com!olivea!trib.apple.com!amd!amdint.amd.com!
txnews.amd.com!rdavis1@ames.arpa
Subject: Tranverting 2-Meter FM to other bands
To: ham-equip@ucsd.edu

In article <1994Aug26.130817.18211@arrl.org> zlau@arrl.org (Zack Lau (KH6CP)) writes:

>Glenn Baker WA2IWM (gbaker@bbn.com) wrote:

>

73,

WD5EBU

To: ham-equip@ucsd.edu

Wifes Ht For Sale:

One perfect ICW2A, BP84 & FA-1443B HT in its LC-73 Carring Case with the following accesories in original boxes: Very nice setup! I can not express enough that everything looks virgin! (That means not one scratch) I would like to keep grouped for one lucky HAMster.

- 1 BC-80A Charger
- 1 HW65 Speaker mike-Used Once
- 1 OPC-288 DC Power Cable-Never Used
- 1 CP-13 Lighter Cable & Noise Filter-Slightly Used
- 1 BA-11 Botton Cap-NIB
- 1 MB-30 Mobile Mouting Bracket-Slightly used
- 1 HS-60 Headset-Used once-Way Cool
- 1 Extra BP-84-Never Used
- 1 BP-82-Back up
- 1 FA-1443BA Rubber Duck-New
- 1 Comet CH32 Miracle Baby-Currently my favorite
- 1 Diamond RH77-great range
- 1 Factory Manual-just in case your handy with an iron!

I guarantee this is the finest W2 setup you can buy for \$500 +shipping!
100% Guranteed!

I also have 2 U12's (\$125) with keypads 1 without(\$75 each), and a 8 bay gang charger(\$250).

Call me at 504.891.7170 New Orleans or email. 73's Scott KB5PIC

End of Ham-Equip Digest V94 #307
